

Community Wildfire Protection Plans: Days Creek

COMMUNITY PROFILE:

Location

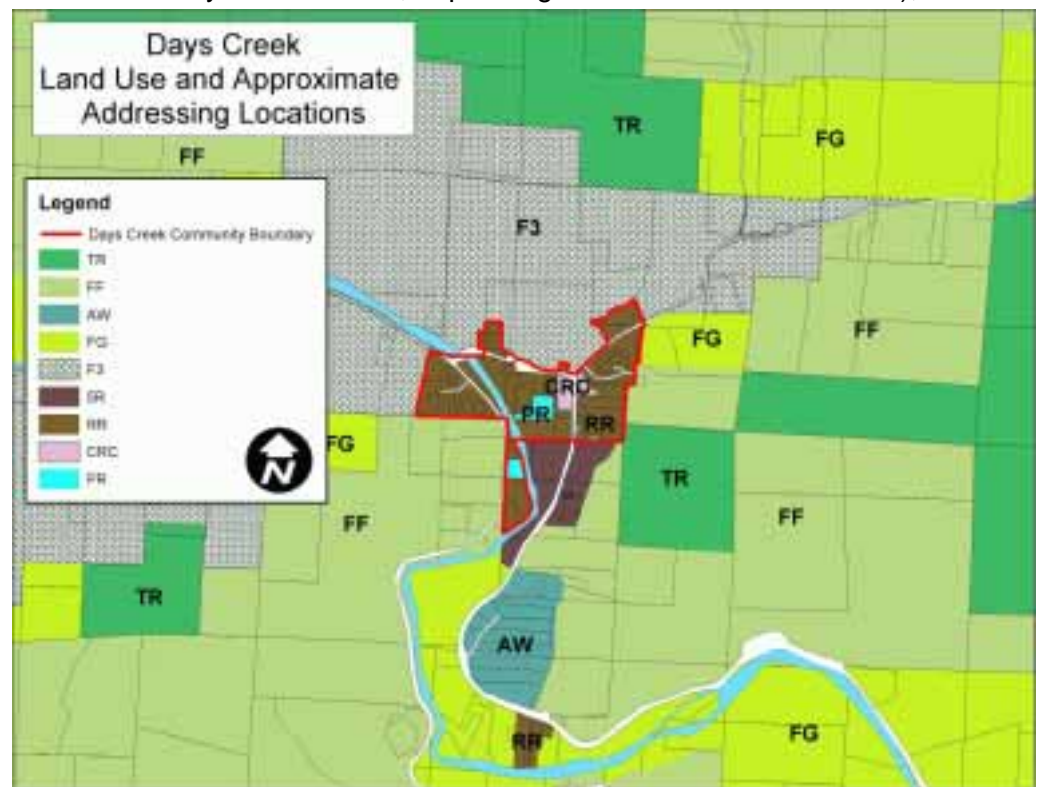
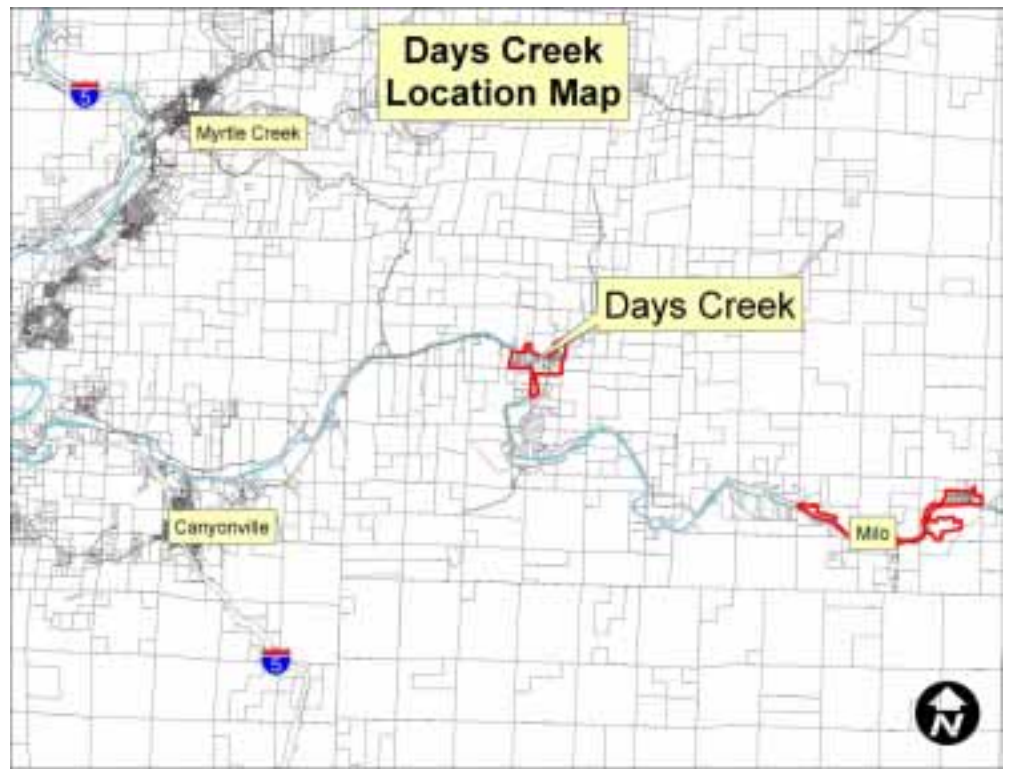
Days Creek is an unincorporated community designated, as a Rural Community by the Douglas County Comprehensive Plan. Days Creek is located on Tiller Trail Highway, approximately 15 miles east from the intersection of Tiller Trail Highway in Canyonville.

Population

The approximate population of Days Creek (Which includes portions of the population of areas to the east and west on Tiller Trail Highway, and northeast on Days Creek Road, depending on Census Block Location), according to the 2000 census, was approximately 412 people.

Housing/Land Use

Using the Douglas County Planning Department's addressing plats, there are approximately 195 addressed structures within the Days Creek Area (including structures to the west and southeast of the Rural Community boundary on Tiller Trail Highway, and northeast on Days Creek Road. The majority of these are homes, but there are also commercial and public structures.



Within the Rural Community Boundary, the majority of Days Creek has zoning designations of RR (Rural Residential 2). CRC (Rural Community Commercial) zoned property is located at the intersection of Days Creek Road and Tiller Trail Highway. The Days Creek School is located to the

west of Tiller Trail Highway after the intersection and is zoned PR (Public Reserve). Properties surrounding the community are 5R (Rural Residential 5) immediately to the south; the remainder of the surrounding properties is zoned with resource designations of TR (Timberland Resource), AW (Agriculture and Woodlot), FG (Farm Grazing), FC-1 (Exclusive Farm Use-Cropland) and FF (Farm Forest).

Transportation

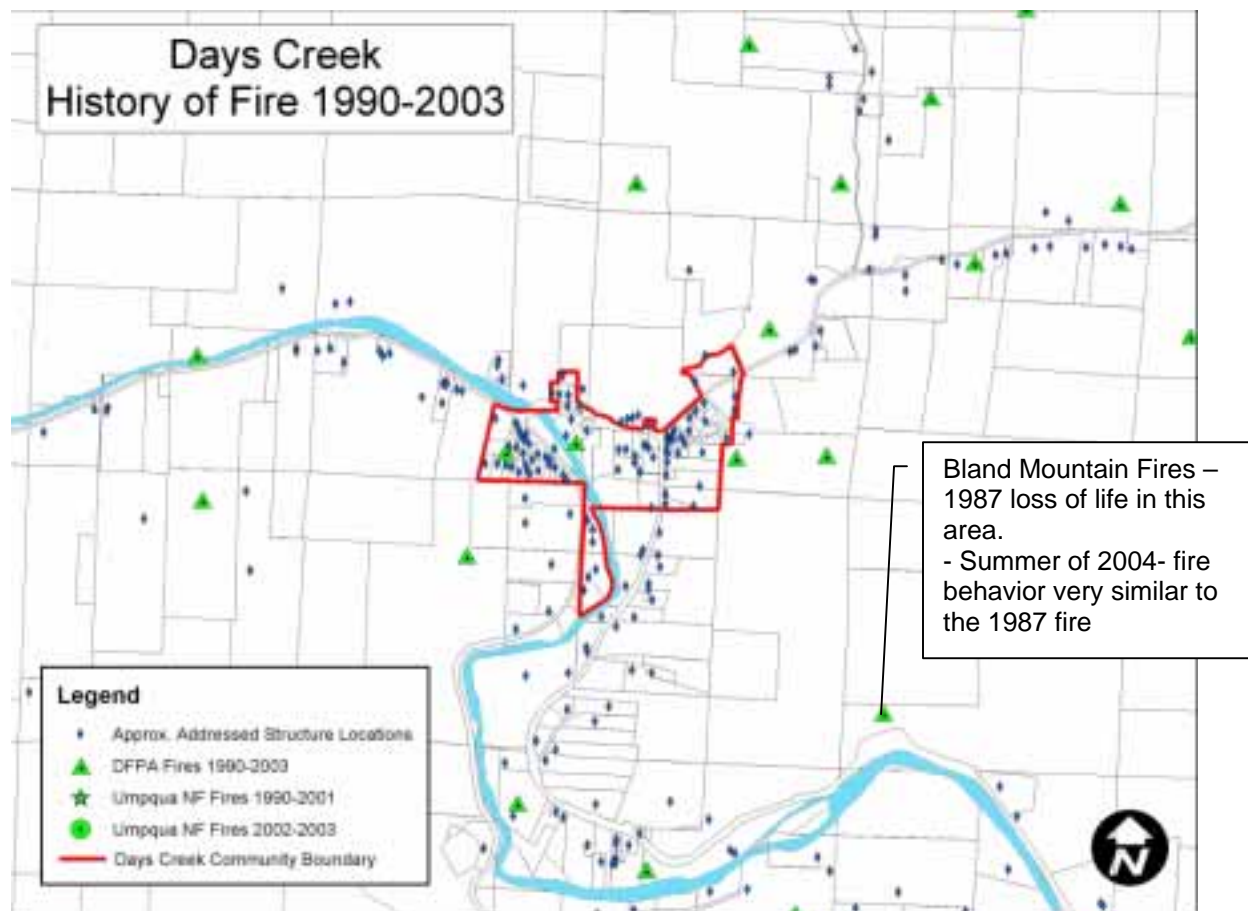
Roads: Transportation to and from Days Creek is handled via Tiller Trail Highway, which intersects The City of Canyonville of the community approximately 15 miles west of Days Creek. Days Creek Road bears to the northeast off Tiller Trail in the community.

Critical Infrastructure

Critical infrastructure in Days Creek includes the following:

- Days Creek School
- Days Creek Post Office
- Fire Department Pump located near the bridge entering Days Creek from the west

WILDFIRE RISK ASSESSMENT- History



Emergency Equipment and Staffing Inventory

The Days Creek Rural Fire District services the community of Days Creek. Below is the current equipment inventory as of this writing:

- 20 firefighters
- 2 Type 2 Class A structural engines
- 1 Type 6 Wild land engine
- 2 Type 2 water tenders
- 1 Rescue Vehicle

Escape Routes

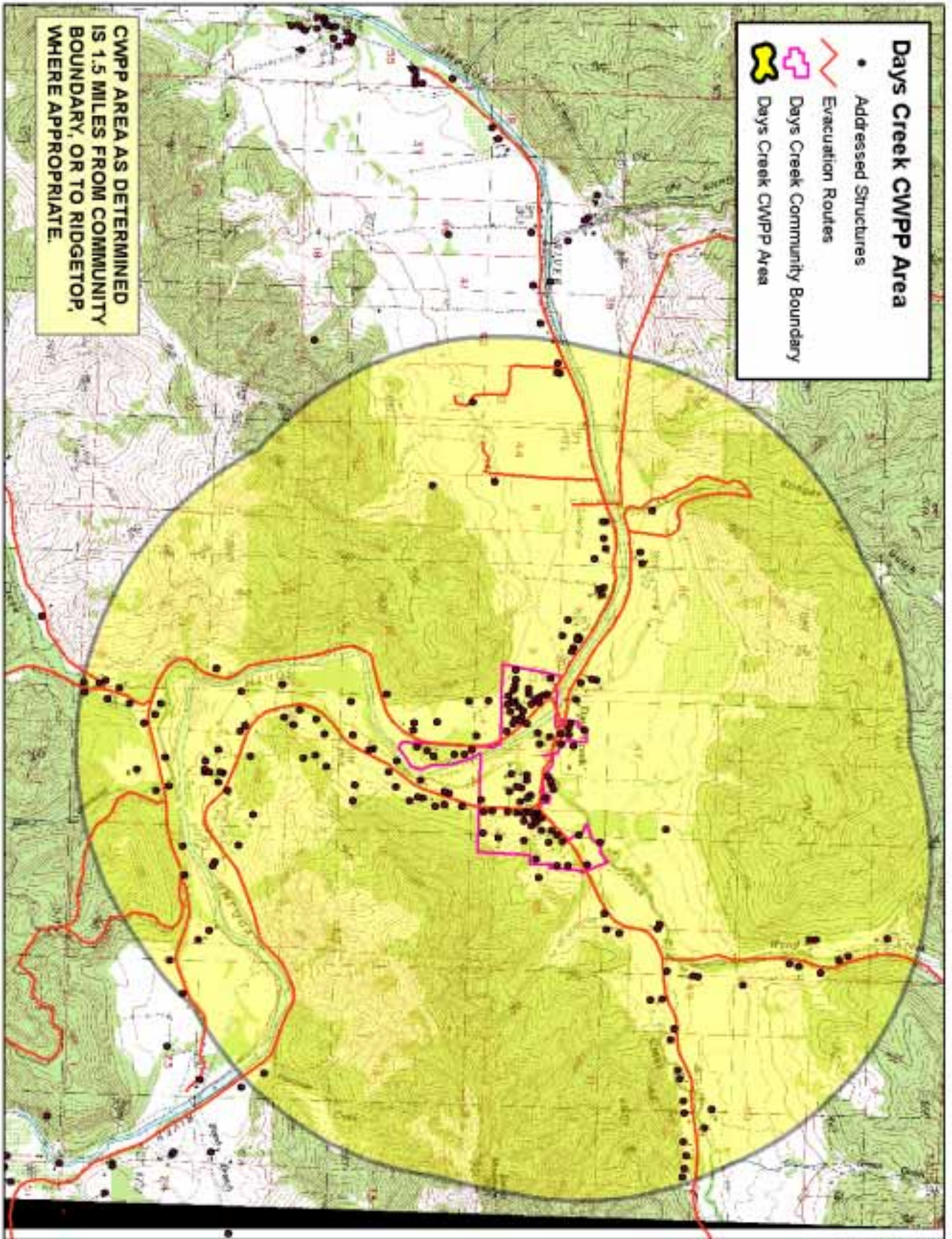
In the event of a wildfire, the community would utilize the main evacuation route of Tiller Trail Highway westward towards Canyonville, or secondarily use Tiller Trail Highway southeast towards Milo. Alternate routes include: northeast on Days Creek Road, and south on Shively Creek Road.

Priority Fuel Reduction Area Identification

The Douglas County Community Wildfire Protection Plans Core Team has identified priority treatment areas for the Days Creek area. Using concentrations of homes, maintaining evacuation routes, and vegetation types as a guide, the following map was created, identifying priority treatment areas:



CWPP TREATMENT AREA MAP ON NEXT PAGE



- Days Creek CWPP Area**
- Addressed Structures
 - Evacuation Routes
 - Days Creek Community Boundary
 - Days Creek CWPP Area

CWPP AREA AS DETERMINED IS 1.5 MILES FROM COMMUNITY BOUNDARY, OR TO RIDGETOP, WHERE APPROPRIATE.

MITIGATION ACTION PLAN

Fuels Reduction

Identification and prioritization of treatment areas

Treatment Areas 1: Clearing 100' from homes and structures and critical infrastructure areas- concentrated inside the community boundary, and extending 1.5 miles or to ridge top outside of the Rural Community Boundary. Narrow escape routes to be cleaned and widened where needed. Thinning for structures to 300'. Maintain all roads for fire fighting access during initial and extended attack.

Treatment Areas 2: Escape routes for homes located outside of the rural community to be maintained, enhanced and thinned 300'.

Treatment Areas 3: Areas located beyond the Rural Community Boundary to be thinned.

Type of fuel reduction treatment

Mechanical clearing and thinning in fuel reduction areas identified by the Community Wildfire Protection Plan Core, including harvesting, thinning, mowing, chipping, cutting and piling.

Chemical treatment is to be done where appropriate and consistent with State and Federal Regulations.

Prescribed burning where appropriate shall be pursued as a method of fuels reduction.

Biologic treatment of areas (Grazing, etc.) is to be encouraged where use would be a benefit to agriculture as well as fuel reduction projects.

Structural Ignitability

Structural ignitability, defined as the home and its immediate surroundings, separates the Wildland-Urban Interface (WUI) structure fire loss problem from other wildfire management issues.

Highly ignitable homes can be destroyed during lower-intensity wildfires, whereas homes with low home ignitability can survive high-intensity wildfires.

Structural ignitability, rather than wildland fuels, is the principal cause of structural losses during wildland/urban interface fires. Key items are flammable roofing materials (e.g. cedar shingles) and the presence of burnable vegetation (e.g. ornamental trees, shrubs, wood piles) immediately adjacent to homes, also referred to as "survivable space"

Action Items:

- Education of homeowners in reducing structural ignitability, and promotion of reduced ignitability building products and development of survivable space adjacent to homes
- Seek assistance (technical, financial) for homeowners to replace highly ignitable building materials and thinning of burnable vegetation adjacent to homes



Image and Text Source: *Emerging Knowledge about Wildland-Urban Interface Home Ignition Potential*; Jack D. Cohen, U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory

Education

Promote existing education and outreach programs (an example would be the Firewise Program, www.firewise.org) and develop community specific education programs which enhance and implement information on community escape routes, wildfire mitigation activities and reducing the risk to citizens, property and community values.

Action Items:

- Use and maintain the Douglas County Community Wildfire Protection Plans website for wildfire status and evacuation plans (<http://healthyforest.info/cwpp/Oregon/Douglas/>)
- Identification, and public awareness of community wildfire escape routes
- Presentations and awareness campaigns to local schools
- Structural ignitability awareness and assistance for replacement of flammable building materials

Through involvement and consultation in the development of the Douglas County Wildfire Protection Plans, the Local Rural Fire Protection District hereby agrees to the final contents of the Community Wildfire Protection Plan:



11-17-04

Chris Masotto,
Chief, Days Creek Rural Fire Protection District

Date